

=> IFW: **Scan as Doc Code: SRNT <=**  
**Doc Date:**

## **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

**Serial Number:** 16/477483

- 1.) See attached printout of inventors listed in PALM**
  
- 2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

Day : Tuesday  
Date: 7/31/2007

Time: 11:11:04

**PALM INTRANET****Inventor Information for 10/677483**

| Inventor Name      | City    | State/Country |
|--------------------|---------|---------------|
| HICKLE, RANDALL S. | LUBBOCK | TEXAS         |

[Appln Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity/Reexam](#) [Foreign](#)**Search Another: Application #** **or Patent#** **PCT /**  / **or PG PUBS #** **Attorney Docket #** **Bar Code #** 

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

|                         |              |          |   |            |            |  |                           |
|-------------------------|--------------|----------|---|------------|------------|--|---------------------------|
| US<br>20070095347<br>A1 | US-<br>PGPUB | 20070503 | Apparatus and method for mask free delivery of an inspired gas mixture and gas sampling   | 128/204.23 |            |  | Lampotang; Samsun et al.  |
| US<br>20060093785<br>A1 | US-<br>PGPUB | 20060504 | Apparatus, method and drug products for providing a conscious patient relief from pain and anxiety associated with medical or surgical procedures | 428/121    |            |  | Hickle; Randall S.        |
| US<br>20060081259<br>A1 | US-<br>PGPUB | 20060420 | Medical effector system   | 128/207.18 |            |  | Bruggeman; Paul J. et al. |
| US<br>20060042631<br>A1 | US-<br>PGPUB | 20060302 | Apparatus to deliver oxygen to a patient  | 128/207.18 | 128/206.11 |  | Martin; James F. et al.   |
| US<br>20050112325<br>A1 | US-<br>PGPUB | 20050526 | Drug delivery in association with medical or surgical procedures  | 428/141    | 128/204.23 |  | Hickle, Randall S.        |
| US<br>20050039742<br>A1 | US-<br>PGPUB | 20050224 | Systems and methods for providing trend analysis in a sedation and analgesia system   | 128/203.14 |            |  | Hickle, Randall S.        |
| US<br>20050010166<br>A1 | US-<br>PGPUB | 20050113 | Apparatus for drug delivery in association with medical or surgical procedures  | 604/66     |            |  | Hickle, Randall S.        |
| US<br>20050010165<br>A1 | US-<br>PGPUB | 20050113 | Method for drug delivery in association   | 604/66     |            |  | Hickle, Randall S.        |

|                         |              |          |  |            |         |                           |  |
|-------------------------|--------------|----------|--|------------|---------|---------------------------|--|
|                         |              |          | with medical or surgical procedures  |            |         |                           |  |
| US<br>20040152949<br>A1 | US-<br>PGPUB | 20040805 | Systems and methods for providing gastrointestinal pain management                                     | 600/156    | 600/127 | Hickle, Randall S.        |  |
| US<br>20040149282<br>A1 | US-<br>PGPUB | 20040805 | Respiratory monitoring systems and methods   | 128/203.14 |         | Hickle, Randall S.        |  |
| US<br>20040133187<br>A1 | US-<br>PGPUB | 20040708 | Methods and systems for providing orthogonally redundant monitoring in a sedation and analgesia system | 604/890.1  |         | Hickle, Randall S.        |  |
| US<br>20040129273<br>A1 | US-<br>PGPUB | 20040708 | Bite block apparatus and method for use with a sedation and analgesia system                           | 128/207.14 |         | Hickle, Randall S.        |  |
| US<br>20040129271<br>A1 | US-<br>PGPUB | 20040708 | Neural networks in sedation and analgesia systems  | 128/204.23 |         | Hickle, Randall S.        |  |
| US<br>20040119341<br>A1 | US-<br>PGPUB | 20040624 | Battery backup method and system   | 307/66     |         | Hickle, Randall S.        |  |
| US<br>20040111014<br>A1 | US-<br>PGPUB | 20040610 | Systems and methods for providing sensor fusion  | 600/300    |         | Hickle, Randall S.        |  |
| US<br>20040107965<br>A1 | US-<br>PGPUB | 20040610 | System and method for monitoring gas supply and delivering gas to a patient                            | 128/204.22 |         | Hickle, Randall S. et al. |  |

|                         |              |          |  |            |                   |                                 |
|-------------------------|--------------|----------|--|------------|-------------------|---------------------------------|
| US<br>20040103897<br>A1 | US-<br>PGPUB | 20040603 | Drug delivery<br>system and<br>method  | 128/204.23 |                   | Hickle,<br>Randall S.<br>et al. |
| US<br>20040084047<br>A1 | US-<br>PGPUB | 20040506 | Resuscitation<br>kit system and<br>method and<br>pre-use<br>protocols for a<br>sedation and<br>analgesia<br>system | 128/203.13 |                   | Hickle,<br>Randall S.           |
| US<br>20040073177<br>A1 | US-<br>PGPUB | 20040415 | Kits of<br>medical<br>supplies for<br>sedation and<br>analgesia  | 604/257    |                   | Hickle,<br>Randall S.           |
| US<br>20040039257<br>A1 | US-<br>PGPUB | 20040226 | User<br>authorization<br>system and<br>method for a<br>sedation and<br>analgesia<br>system                         | 600/300    |                   | Hickle,<br>Randall S.           |
| US<br>20040034287<br>A1 | US-<br>PGPUB | 20040219 | System and<br>method for<br>permitting<br>sterile<br>operation of a<br>sedation and<br>analgesia<br>system         | 600/300    |                   | Hickle,<br>Randall S.           |
| US<br>20040018959<br>A1 | US-<br>PGPUB | 20040129 | System and<br>methods of<br>lipid removal<br>from the body   | 514/2      | 514/169;<br>554/8 | Hickle,<br>Randall S.<br>et al. |
| US<br>20030229330<br>A1 | US-<br>PGPUB | 20031211 | Drug container<br>entry<br>mechanisms<br>and method  | 604/411    |                   | Hickle,<br>Randall S.           |
| US<br>20030217747<br>A1 | US-<br>PGPUB | 20031127 | Fail-safe<br>module<br>integral with a<br>sedation and<br>analgesia<br>system and<br>method                        | 128/203.12 | 128/203.14        | Hickle,<br>Randall S.<br>et al. |

|                         |              |          |  |            |   |                                 |
|-------------------------|--------------|----------|--|------------|---|---------------------------------|
| US<br>20030214409<br>A1 | US-<br>PGPUB | 20031120 | System and method for transparent early detection, warning, and intervention during a medical procedure        | 340/573.1  | 128/204.18;<br>340/603;<br>600/300;<br>604/65 | Hickle,<br>Randall S.           |
| US<br>20030209242<br>A1 | US-<br>PGPUB | 20031113 | Apparatuses and methods for outputting data from a sedation and analgesia system                               | 128/203.12 |   | Hickle,<br>Randall S.           |
| US<br>20030176774<br>A1 | US-<br>PGPUB | 20030918 | Remote monitoring and control of sedation and analgesia systems  | 600/300    | 604/500;<br>705/2                             | Hickle,<br>Randall S.<br>et al. |
| US<br>20030145854<br>A1 | US-<br>PGPUB | 20030807 | Apparatuses and methods for automatically assessing and monitoring a patient's responsiveness                  | 128/204.18 | 128/204.23                                    | Hickle,<br>Randall S.           |
| US<br>20030135087<br>A1 | US-<br>PGPUB | 20030717 | User interface for sedation and analgesia delivery systems and methods   | 600/26     |   | Hickle,<br>Randall S.<br>et al. |
| US<br>20030079746<br>A1 | US-<br>PGPUB | 20030501 | Apparatuses and methods for providing a conscious patient relief from pain and anxiety associated with medical | 128/203.12 | 128/203.14                                    | Hickle,<br>Randall S.           |

|                         |              |          |   |            |                                      |                                 |  |
|-------------------------|--------------|----------|---|------------|--------------------------------------|---------------------------------|--|
|                         |              |          | or surgical procedures according to appropriate clinical heuristics   |            |                                      |                                 |  |
| US<br>20030074223<br>A1 | US-<br>PGPUB | 20030417 | Methods and apparatuses for assuring quality and safety of drug administration and medical products and kits            | 705/2      | 700/244                              | Hickle,<br>Randall S.<br>et al. |  |
| US<br>20030051737<br>A1 | US-<br>PGPUB | 20030320 | Apparatuses and methods for titrating drug delivery   | 128/898    | 128/923;<br>128/DIG.13;<br>604/66    | Hickle,<br>Randall S.<br>et al. |  |
| US<br>20030040700<br>A1 | US-<br>PGPUB | 20030227 | Apparatuses and methods for providing IV infusion administration  | 604/67     | 604/890.1                            | Hickle,<br>Randall S.<br>et al. |  |
| US<br>20020188259<br>A1 | US-<br>PGPUB | 20021212 | Smart supplies, components and capital equipment  | 604/189    | 604/131;<br>604/403                  | Hickle,<br>Randall S.<br>et al. |  |
| US<br>20020017300<br>A1 | US-<br>PGPUB | 20020214 | Apparatus and method for mask free delivery of an inspired gas mixture and gas sampling                                 | 128/204.22 |                                      | Hickle,<br>Randall S.<br>et al. |  |
| US<br>20020017299<br>A1 | US-<br>PGPUB | 20020214 | Apparatus and method for providing a conscious patient relief from pain and anxiety associated with medical or surgical | 128/204.21 | 128/203.12;<br>128/205.25;<br>604/19 | Hickle,<br>Randall S.           |  |

|                   |            |          | procedures   |            |  |  |                           |
|-------------------|------------|----------|--|------------|--|--|---------------------------|
| US 20020017296 A1 | US- PG PUB | 20020214 | Apparatus and method for providing a conscious patient relief from pain and anxiety associated with medical or surgical procedures | 128/203.12 | 128/204.21; 128/204.23; 128/205.19; 128/206.24 |  | Hickle, Randall S.        |
| US 7247154 B2     | USPAT      | 20070724 | Method for drug delivery in association with medical or surgical procedures  | 604/500    |  |  | Hickle; Randall S.        |
| US 7229430 B2     | USPAT      | 20070612 | Apparatuses and methods for titrating drug delivery  | 604/67     | 600/301; 604/504                               |  | Hickle; Randall S. et al. |
| US 7201734 B2     | USPAT      | 20070410 | Apparatus for drug delivery in association with medical or surgical procedures   | 604/67     |  |  | Hickle; Randall S.        |
| US 7152604 B2     | USPAT      | 20061226 | Apparatus and method for mask free delivery of an inspired gas mixture and gas sampling  | 128/207.14 | 128/204.18; 128/204.22                         |  | Hickle; Randall S. et al. |
| US 7150735 B2     | USPAT      | 20061219 | Drug container entry mechanisms and method   | 604/411    | 604/27; 604/272; 604/403                       |  | Hickle; Randall S.        |
| US 7034692 B2     | USPAT      | 20060425 | System and method for transparent early detection, warning, and intervention   | 340/573.1  | 128/200.24; 600/301                            |  | Hickle; Randall S.        |

|               |       |          |  |            |  |                    |  |
|---------------|-------|----------|--|------------|--|--------------------|--|
|               |       |          | during a medical procedure   |            |  |                    |  |
| US 6986347 B2 | USPAT | 20060117 | Apparatus and method for providing a conscious patient relief from pain and anxiety associated with medical or surgical procedures | 128/200.24 | 128/898; 700/236; 700/237; 705/2; 705/3                                | Hickle; Randall S. |  |
| US 6962564 B2 | USPAT | 20051108 | Systems and methods for providing gastrointestinal pain management   | 600/114    | 600/115; 600/116; 600/127  | Hickle; Randall S. |  |
| US 6938619 B1 | USPAT | 20050906 | Mask free delivery of oxygen and ventilatory monitoring  | 128/207.18 | 128/203.22; 128/204.18; 128/204.22; 128/204.23; 128/204.26; 128/207.14 | Hickle; Randall S. |  |
| US 6807965 B1 | USPAT | 20041026 | Apparatus and method for providing a conscious patient relief from pain and anxiety associated with medical or surgical procedures | 128/204.23 | 600/301; 604/65; 604/66  | Hickle; Randall S. |  |
| US 6745764 B2 | USPAT | 20040608 | Apparatus and method for providing a conscious patient relief from pain and anxiety associated with medical                        | 128/203.12 | 604/66; 604/890.1  | Hickle; Randall S. |  |

|              |       |          |  |            |  |  |                           |
|--------------|-------|----------|--|------------|--|--|---------------------------|
|              |       |          | or surgical procedures   |            |  |  |                           |
| US 5676133 A | USPAT | 19971014 | Expiratory scavenging method and apparatus and oxygen control system for post anesthesia care patients | 128/205.12 | 128/202.27; 128/204.18; 128/205.24; 128/205.25; 128/206.21; 128/206.22; 128/206.24; 128/206.25 |  | Hickle; Randall S. et al. |
| US 5300100 A | USPAT | 19940405 | Body warmer  | 607/107    | 5/423; 5/941   |  | Hickle; Randall S. et al. |
| US 5139480 A | USPAT | 19920818 | Necking stents   | 604/8      | 600/36; 606/191  |  | Hickle; Randall S. et al. |